



ENOS HOPKINS, PRES'T.
WM. H. YOUNG, VICE-PRES'T.

ROBERT S. INNES, SEC'Y & TREAS.
F. O. HANSON, GEN. SUP'T.

PAID UP CAPITAL, \$100,000.



MINIATURE CATALOGUE



CHAMPION IRON FENCE CO.



KENTON, - - OHIO.

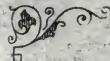


THE LARGEST IRON FENCE AND RAILING WORKS IN THE UNITED STATES.

Manufacturers of the Ohio Champion Force Pump, Best in the Market.



TO THE PUBLIC.



We present these miniature cuts to draw your attention to our goods.

Whatever you want in the Iron line call on us. We make the best fences in the world. They are adjustable up or down, in or out, and from foundation to top the best devices known are used. We supply the United States Supervising Architect, Treasury and National Cemetery Departments, Court Houses, Cemeteries, Churches, School Houses, Asylums, Jails and Bridges, all over the country, with fences. There is not a place of importance where our work is not used for enclosures of private grounds.

We are prepared to furnish almost any style of Architectural Iron Work and give estimates from special drawings.

Stair work, plain and ornamental, spiral and straight, we make a specialty.

Crestings and Finials, gray iron and malleable iron we have in large assortment.

Stable fixtures, tree guards, hitching posts and all such things we keep constantly.

Jails of all sizes, built of iron, or 5-ply iron and steel, separate department for this work.

The Ohio Champion Force Pump, as good a pump as there is in the world, is made and sold by us.

Our Catalogues will be sent upon application and information of what is wanted.

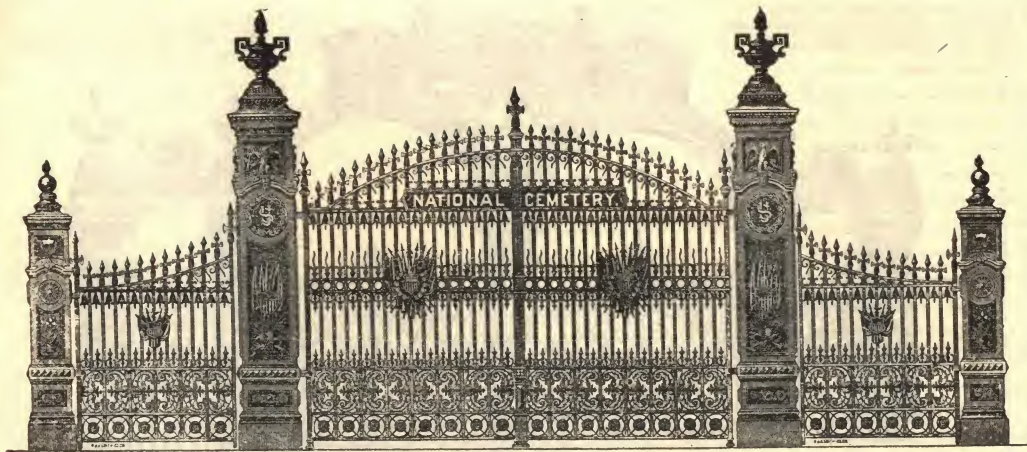


Plate No. 3.

Scale 1/4 inch to 1 foot

VIEW OF A CEMETERY ENTRANCE.

This entrance is being made by us for the U. S. Government, to be erected at San Francisco, California, and was designed by us and adopted with compliments for the fine design, in competition with several other manufacturers. The entire work is massive in construction; Posts being 21 inches square; Pickets in gates 1 inch square, made of wrought and malleable iron.

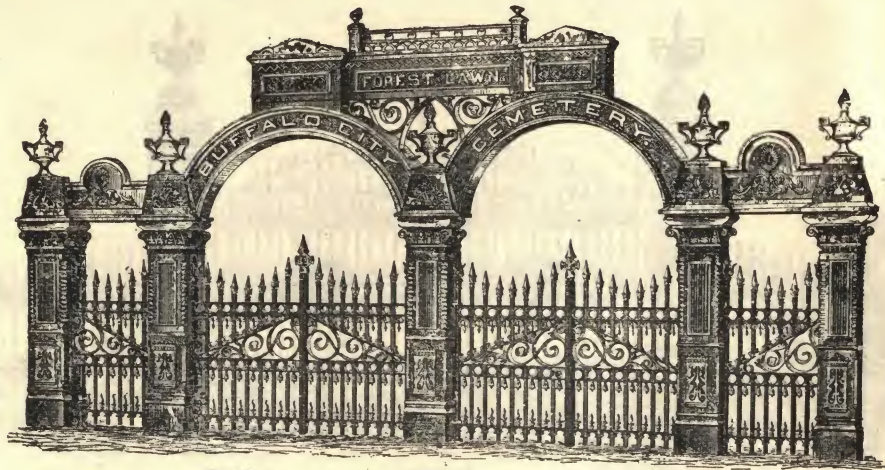


Plate No. 1.

Scale $\frac{1}{4}$ inch to 1 foot.

VIEW OF A CEMETERY ENTRANCE.

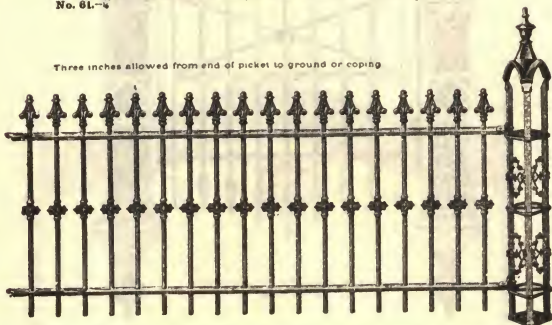
Two of these entrances are being erected by us for the Buffalo City Cemetery Association, and made from a new and special design furnished by us. The Posts are 22 inches square and the entire work is very massive and substantial. Estimates furnished on application.

All prices and weights include line posts with iron foundations only
 Large joints for corners and gates are charged for according to design selected
 Gates are also charged extra and measured in the fence



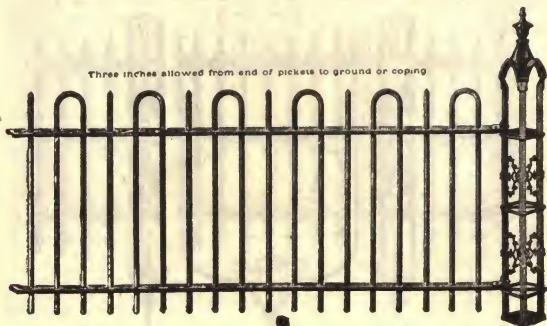
No. 60. $\frac{3}{4}$ inch round picket, 4 inch centre to centre, height from ground 3 feet 3 inches
 No. 61. —

Three inches allowed from end of picket to ground or coping

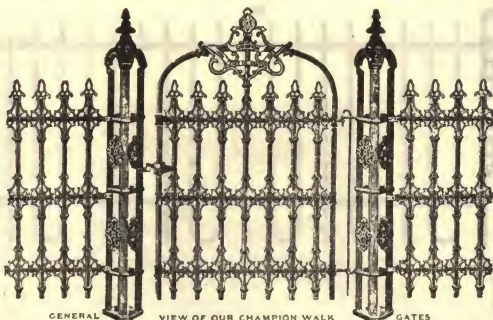


No. 58. $\frac{3}{4}$ in. round pickets 4 in. centre to centre, height from ground 3 feet 3 inches
 No. 59. —

Three inches allowed from end of pickets to ground or coping



No. 46. $\frac{3}{4}$ inch round pickets, 4 inch center to center, height from ground 3 feet 1 inches
 No. 47. —



GENERAL VIEW OF OUR CHAMPION WALK GATES

Plate No. 18. These Gates are self-closing, and open in or out. They are from 3 ft. to 3 ft. 4 in. wide, and can be hung on either right or left post. The catch and hinge rod shown in this cut are not used, but our latest improved latch and self closing attachment is used as shown on plate No. 20 Page 18.



Plate, No. 13.

Design of our Walk Gates used for heavy fences.



Plate, No. 14. DESIGN, PATENTED.
Design of Punch Fence Walk Gate, this cut
represents gate for 20, 24, 28, and 32 feet.

We call attention to our late improvements in making our Drive and Walk Gates for punch fences. The gates in a fence are the most conspicuous part of a fence and therefore we have designed to decorate our gates in such style as to be pleasing to the eye and retain the strength necessary in making a good substantial gate. We have also adopted a gate latch that will admit of a gate being opened in or out, and a positive catch not likely to get out of order. Our improved self closing gate attachment is simply perfection, and has no equal. We use our improved latch and new ornamentalations on our plainest and cheapest gates.

The ornamentation is the best air furnace malleable iron.

Our improved spring catch and self closing spring are shown on plate No. 13.



PLATE No. 3.
LARGE ENTRANCE GATE.

Makes 10 ft. more or less opening and 6 ft. height at Post. Posts 4 in. round. Pipe Frame 1 1/2 in. outside diameter. Curved bar 1 1/2 in. solid iron. We make this design of heavier or lighter material. Used with stone or iron posts.



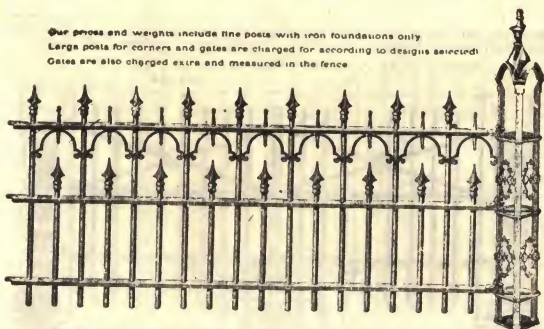
Plate No. 4.

Scale 1 inch to 5 feet.

View of Entrance Gates with Arch.

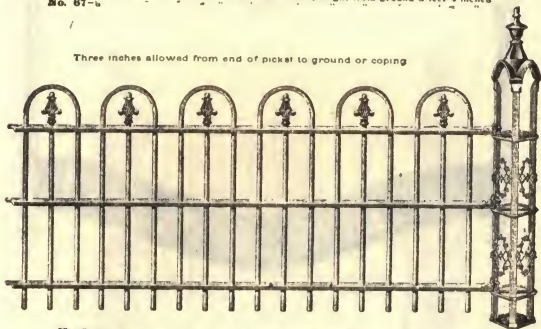
Suitable for Cemeteries or Court Houses. This is the general design of Drive Gates used with plain fences for Public Grounds—See page 12 for design of Post without arch. Arch will be let, sized to suit.

Our prices and weights include fine posts with iron foundations only
Large posts for corners and gates are charged for according to designs selected
Gates are also charged extra and measured in the fence



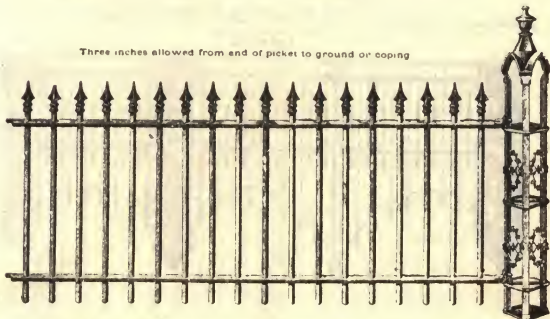
No. 66.— $\frac{1}{4}$ inch square picket, 4 inch centre to centre, height from ground 3 feet 4 inches
No. 67.— $\frac{1}{4}$ inch square picket, 4 inch centre to centre, height from ground 3 feet 4 inches

Three inches allowed from end of picket to ground or coping



No. 34- $\frac{1}{8}$ " round pickets 4 in centre to centre height from ground 8 feet 3 inches
No. 35- $\frac{3}{8}$ " " " " " " " 3 " 4 "

Three inches allowed from end of picket to ground or coping

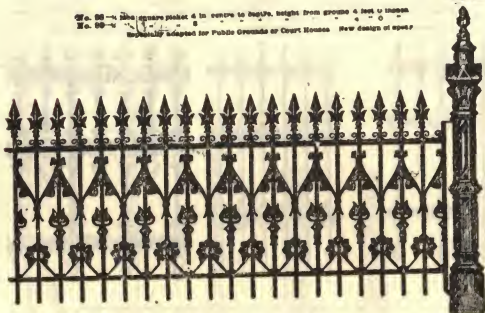
[illegible]

Our prices and weights include line posts with iron foundations only.
Large posts for corners and gates are charged for according to design selected.
Gates are also charged extra and measured in the fence.

Three inches allowed from end of stake to ground or coping

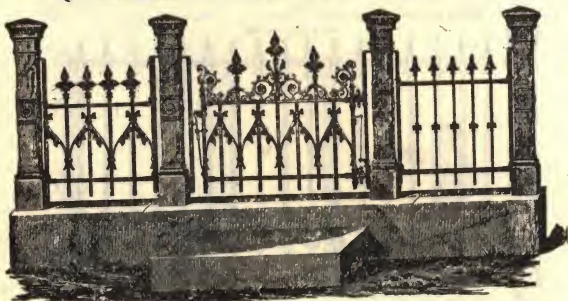


No. 88 - 4 inch square post & 4 in centre to height. Height from ground 4 feet 6 inches.
No. 89 - 4 inch square post & 4 in centre to height. Height from ground 4 feet 6 inches.
Specially adapted for Public Grounds or Court Houses. New design of spear.



WROUGHT AND MALLEABLE IRON

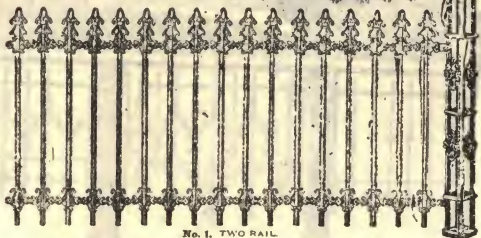
No. 90 - Pickets 4 inch square. Height from ground 9 feet 8 inches. Can be made of heavier iron at special prices.



No. 104 - Pickets 4 inch square.
Height from coping 8 feet 6 inches.
Can be made heavier or lighter.
Malleable iron.

No. 104 - Pickets 4 inch square.
Height from coping 8 ft. 6 in.
No. 105 - Pickets 4 inch square.
Height from coping 8 ft. 6 in.

Our prices and weights include line posts with iron foundations only.
Large posts for corners and gates are charged for according to design selected.
Gates are also charged extra and measured in the fence.



No. 1, TWO RAIL.

$\frac{3}{4}$ inch Concave Pickets, 4 inch center to center, height from ground 3 feet 3 inches.

Three inches allowed from end of picket to ground or coping.



No. 9.—ORNAMENTAL



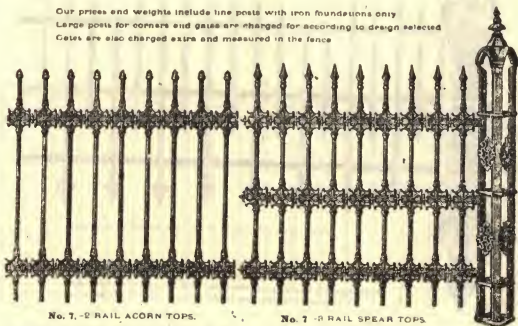
New No. 14



New No. 15

$\frac{3}{4}$ in. concave pickets $\frac{3}{4}$ in. centre to centre. $\frac{1}{2}$ in. square pickets, 4 in. centre to centre. Height from ground, 3 ft. 4 in.

Our prices and weights include line posts with iron foundations only.
Large posts for corners and gates are charged for according to design selected.
Gates are also charged extra and measured in the fence.



No. 7.—2 RAIL ACORN TOPS.

No. 7.—2 RAIL SPEAR TOPS.

$\frac{3}{4}$ in. round pickets 4 in. centre to centre, height from ground 3 feet 3 inches with spears and 3 feet 3 in. with acorns.
When you order state whether you want spears or acorns.



No. 1 Post with ground connection
Type about 6 ft. and large T Post.
about 6 ft. across without pattern.
These posts are made of 1 and 2
in. wrought iron, bands and are
extremely durable from use and
years of good use.



No. 2
7 inches square at
base, 4 ft. 7 in.
height.



No. 3
7 inches square at
base, 4 ft. 7 in. high
above ground.



No. 4
6 inches square
at base, 4 ft. 7 in. high
above ground.



No. 5
6 inches square at base,
4 ft. 7 in. high above
ground. 4 ft. 7 in.
to 1 ft.



No. 6
6 inches square at base,
4 ft. 7 in. high above ground.



No. 7
6 inches square at base,
4 ft. 7 in. high above ground.



No. 8
6 inches square at base,
4 ft. 7 in. high above ground.



No. 9
6 inches square at base,
4 ft. 7 in. high above ground.



No. 10
6 inches square at base,
4 ft. 7 in. high above ground.



No. 11
6 inches square at base,
4 ft. 7 in. high above ground.



No. 12
6 inches square at base,
4 ft. 7 in. high above ground.



No. 13
6 inches square at base,
4 ft. 7 in. high above ground.



No. 14
6 inches square at base,
4 ft. 7 in. high above ground.



No. 15
6 inches square at base,
4 ft. 7 in. high above ground.



Copyright 1881
No. 18.—Malleable Casting, 1 ft. 6 in. high.



Copyright 1881
No. 34.—Malleable Casting, 1 ft. 6 in. high.



Copyright 1881
No. 22.—Malleable Casting, 1 ft. 6 in. high.



Copyright 1881
No. 36.—Malleable Casting, 1 ft. 4 in. high.



Copyright 1881
No. 30.—Malleable Casting, 1 foot high.



Copyright 1881
No. 38.—Malleable Casting, 1 foot 4 in. high.



Copyright 1881
No. 19.—Malleable Casting, 1 ft. 5 in. high.



Copyright 1881
No. 21.—Malleable Casting, 1 ft. 6 in. high.
This design is shown on Veranda design.



Copyright 1881
No. 31.—Malleable Casting, 1 ft. high.



Copyright 1881
No. 33.—Malleable Casting, 1 foot high.



Copyright 1881
No. 25.—Malleable Casting, 1 ft. 4 in. high.



Copyright 1881
No. 37.—Malleable Casting, 1 ft. 4 in. high.



No. 9.—Cast Iron Cresting, 4 ft. high.



No. 11.—Cast Iron Cresting, 4 ft. high.



No. 8.—Cast Iron Cresting, 4 ft. 8 in. high.

No. 8 1/2.—Same design, 4 ft. high.



No. 10.—Cast Iron Cresting, 4 ft. high.



No. 6.—Cast Iron Cresting, 4 ft. 6 in. high. A large and heavy pattern for large buildings.



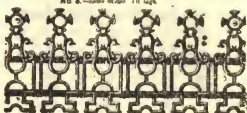
No. 12.—Cast Iron Cresting, 3 ft. 3 in. high. A very desirable cresting and about twice as heavy as the cheap cresting.



No. 4.—Cast Iron Cresting, 4 ft. 3 in. high.



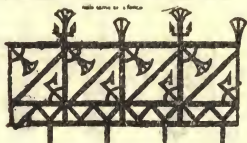
No. 13.—Cast Iron Cresting, 4 ft. 6 in. high.



No. 5.—Cast Iron Cresting, 4 ft. 6 in. high. This cresting is used with rails upon or a fence.



No. 14.—Cast Iron Cresting, 4 ft. 6 in. high. This is a new and very pretty design.

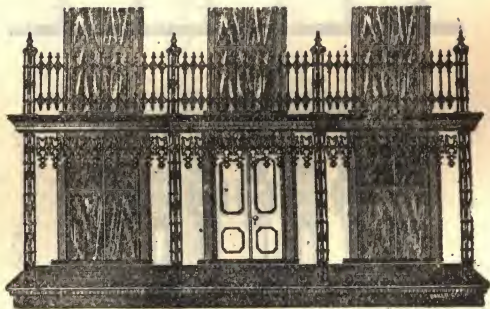
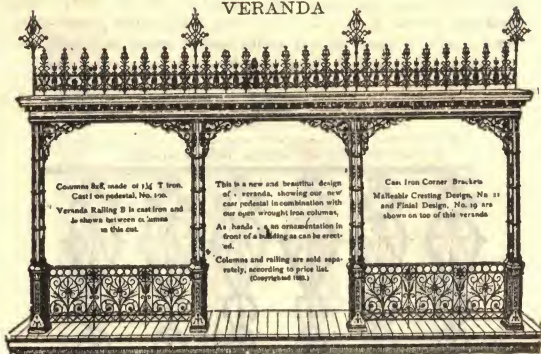


No. 42.—Cast Iron Ornament, 4 ft. high.

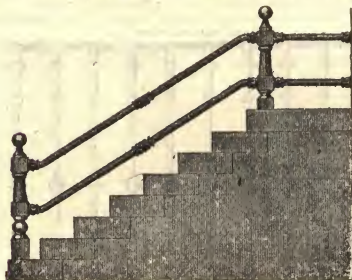


No. 44.—Cast Iron Cresting, 4 ft. 6 in. high.

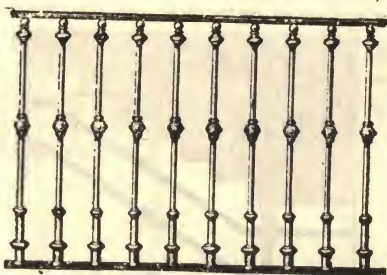
VERANDA



View of a Veranda with T columns—No. 5 Railing and Fringe.

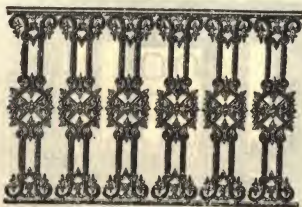


No. 300.—Tubular Stair Railing, with 2 x 4 Post. Pipe used 1 1/2 inches outside measure



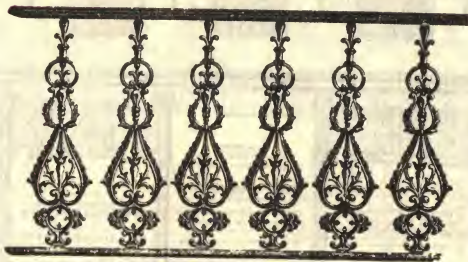
VERANDA RAILING--STYLE C.

Wrought round iron with cast ornaments, and wrought iron rails top and bottom. Actual height of railing 2 ft. 6 in. Should be set 3 in. from floor.



VERANDA RAILING--STYLE M.

Cast iron with wrought iron rails top and bottom. Actual height of railing 2 ft. 6 in. Should be set 3 in. from floor.



VERANDA RAILING--STYLE N. Double face both sides.

Cast iron with wrought iron rails top and bottom. Actual height of railing 2 ft. 6 in. Should be set 3 in. from floor.

Any of our Veranda Railings can be put up without any heavy corner Posts---we furnish a small square Post at corners to make a return finish---but if parties desire large Posts, our T Posts make a very good finish or any cast Post of proper height can be used. When large Posts are used they are charged for according to prices given in Price List. The heights of cast iron Veranda Railings can not be changed.

In asking for prices of Columns, give height, diameter and thickness of metal. Columns made to special drawings or drawings furnished upon specifications of what is wanted.



No. 106

Scale 1/4 to 1 ft.
Base 5 in octagon, fluted shaft 7 1/4 in round upper cap 14 in square—a very fine column highly ornamental—made any height. This column can be made without the heavy base and square part above the capital and in plain—suitable for a base like No. 108 and shaft fluted above plain base.



No. 107

Scale 1 in. to 1 ft.
Base 6 in round, plain shaft 5 in round upper cap 10 in round. Made any height or of any diameter.



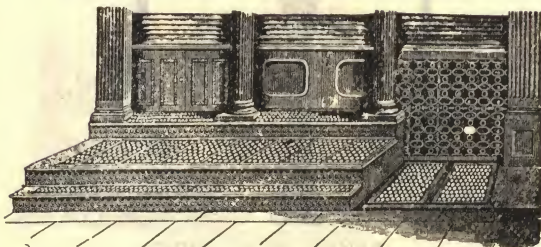
No. 108

Scale 1 in. to 1 ft.
Base 8 in round, 1 1/2 fluted shaft 6 in round, upper cap 12 in round. Made any height or of any diameter.



No. 109

Scale 1 in. to 1 ft.
Base 8 in round, plain shaft 5 in round, upper cap 8 in round. Made any height or of any diameter.



Illuminating Sidewalk Lights and Coal Hole Covers made to order. Send for prices.

CHAMPION IRON FENCE CO., KENTON, O.

VERANDA COLUMNS.

Can be used for supporting buildings also.



No. 103.

Pedestal 2 ft. 8 in. by 10 1/2 in.

Wrought Pipe, 4 1/2 in. outside, and extends the entire height.

All weight is supported by the pipe.



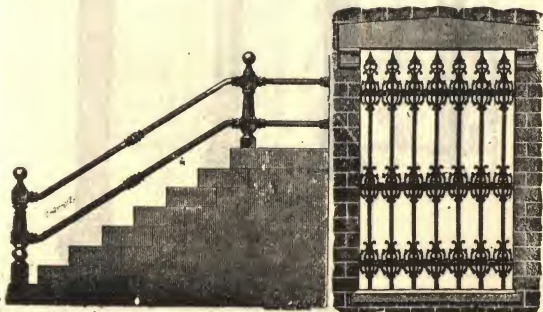
No. 104.

Pedestal 2 ft. 8 in. by 10 1/2 in.
Wrought Pipe 4 1/2 in. outside,
and extends the entire height.
All weight is supported by the
pipe.



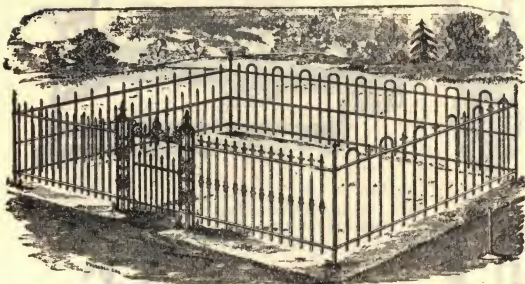
No. 105.

Pedestal 3 1/2 ft. by 10 1/2 in.
Wrought Pipe, 1 1/2 in. outside, and
extends the entire height.
All weight is supported by the
pipe.

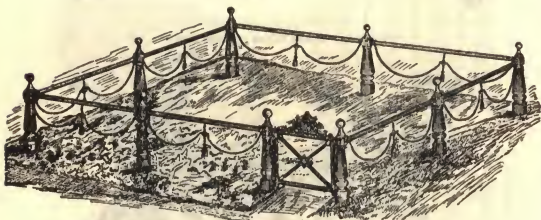


No. 900.—Tubular Cast Railing, with No. 86 Post. Pipe used 1 1/2-2 inches outside measure. Larger size may be used. Window Guards of the Champion Patterns made to order.

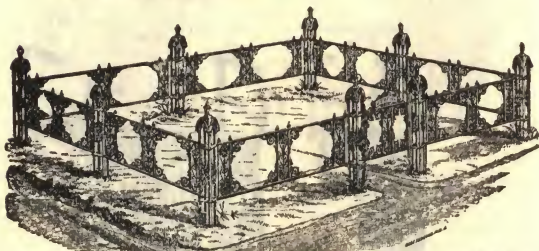
PERSPECTIVE VIEWS OF CEMETERY LOT. SHOWING VARIOUS STYLES OF FENCES.



In order to enable our Agents to furnish Railing for Cemetery Lot Enclosure at small cost to the purchaser we have devised a plan to enclose lot without using large posts at the corners, simply connecting panels at corners with malleable iron connections, to a 1/2 of an inch picket which runs into an iron base. This makes a good and substantial an enclosure as if large posts were used, the panels at corners bracing each way. Often large lots cost as much as fence for small jobs. Only our PUNCH FENCES can be used without corner posts. We make no extra charge for the pickets, and bases used in the corners of this style of enclosure.



View of Cemetery Lot enclosed with No. 67 Posts, Chain and Tassels, and No. 4 Pipe Gate.



VIEW of CEMETERY LOT ENCLOSED by Hanson's new style Enclosure and our T posts. Where an open space is wanted, this is the finest for the low price it is sold at. See pages 66 and 70. We are the sole manufacturers of Hanson's new style enclosure, endorsed by all Marble dealers.



No. 8.
3 seat ornamental Settee, 3 ft. 7 in. long.



No. 11.
Ornamental Chair



No. 1.—FERN SETTEE, WOOD SLATS, 4 ft. 10 in. long.
Handsomely painted and gold bronzed.



Wrought iron legs, hard wood slats, 5 ft. long. Made longer or with 3 legs to order. Best settee in the market for Parks &c., as it can not be broken.



No. 9.
Hall Chair



No. 2.—PARK SETTEE, with WOOD SLATS.
Made with two or three legs—or any length. We offer special inducements and very low prices for Park Settees in large lots. Correspondence solicited.



No. 10.
Medallion Chair

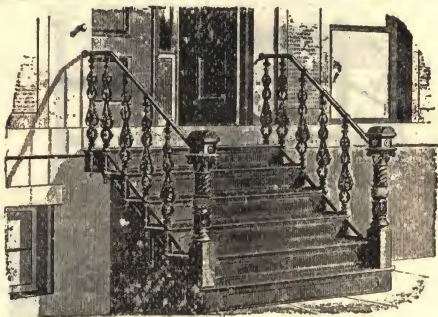


PLATE D.

A very fine stairway for private or public buildings—made any width. This cut shows a close paneled riser—

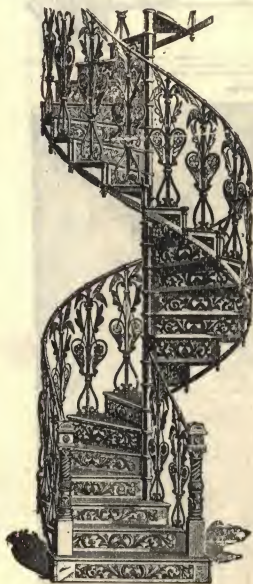


PLATE E.

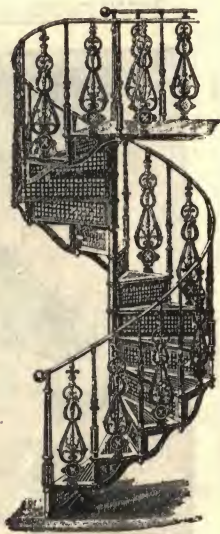


PLATE F.

ORNAMENTAL SPIRAL STAIRWAY.

This stairway can be made with straight starting steps, same as shown on Plate E. The heavy intermediate balustrade may be omitted or a lighter balustrade used in its place. No. 2 Newelpost & 1-2 inches octagon shown on this cut

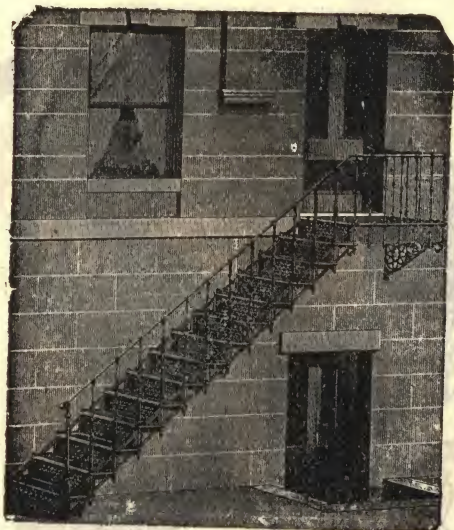


PLATE B.

Outside Stairway—have rail without balustrades can be used same as shown on Plate C. In ordering or asking for estimate state style of balustrades, according to numbers on pages 10 and 11. State if egg decorated or close paneled risers are wanted, or if half risers, same as shown on page 4, are wanted.

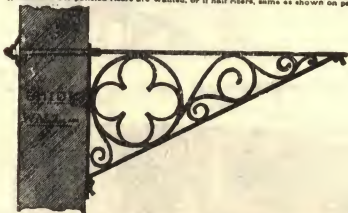


Fig. 54. A.—Ornamental Wrought Iron Bracket for Balconies or supporting iron stair

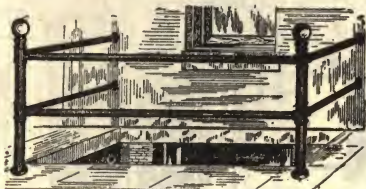
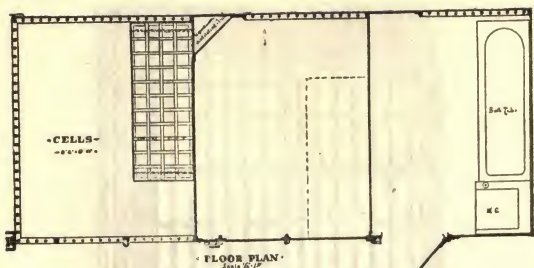
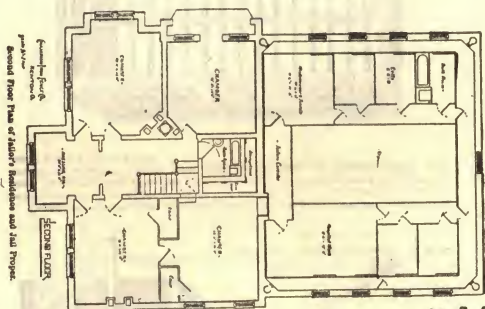


Fig. 55. B.—Area Tubular Guard Railing Posts 2 inches outside, rails 2 5-8 inches outside. Combination post. Can be made with spiked top rail, or of smaller size Posts and Rails. Always give dimensions. Posts and Rails wanted, when it is to be set in the ground or on a stone coping.



For Small Jail on Page 8



DETAILS OF PLATE CELLS.



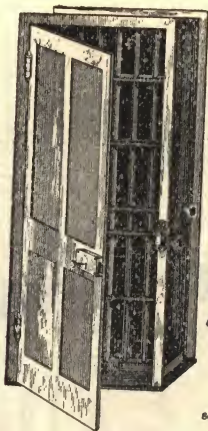
Section of corners where plates meet. Secured by angle iron and riveted with 1/2 in. oval head rivets counter sunk on inside and flat on middle. Spaced 2 1/2 in. apart.



Section showing the joining of plates by means of angles and manner of riveting.

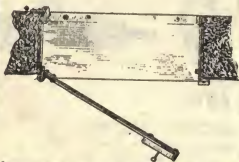


⁴Detail construction of Qage.



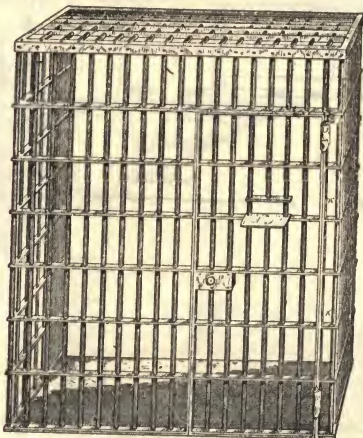
ELEVATION OF DOORS FOR BATH ENTRANCE OF JAIL.

The frame is made of plate iron or steel and forms a casing on both sides of the wall by means of angle iron. The door facing jailor's residence is of plate, painted as shown, furnished with a five tumbler iron, nickel plated, or brass lock. The inside door is made of U. S. iron and steel, saw, file and drill proof, furnished with a semicircle basket at the top made of the same material, for observation, locked by a rim or pad lock and has our improved interlocking system.



Section of door showing the construction of the door frames &c.

These doors are usually made of one inch round U. S. seven ply iron and steel bars placed $2\frac{1}{4}$ to 3 in. apart, the horizontal rails of five ply U. S. bar $\frac{1}{4}$ in. \times $2\frac{1}{4}$ in. to 3 in. spaced from 8 to 12 in. apart. The basket is lined at top and bottom with 8-16 U. S. plate and riveted thoroughly. Our interlocking system is used on both doors, and the frames are properly anchored. Usual size of door 9 ft. 8 in. \times 6 ft. 8 in.



ELEVATION OF STATION HOUSE CAGE.

This cage can be made of iron or 5 ply Iron and Steel and can be arranged in rows or tiers. These vertical bars are 1 in. in diameter, spaced 2 in. apart. Horizontal rails are $1\frac{1}{2}$ \times $2\frac{1}{4}$ in. spaced from 8 to 12 in. apart. The floor of plate and ceiling can be plate, grating or bars. General size 6 $\frac{1}{2}$ \times 7 ft. \times 7 ft. high, can be larger or smaller. Ordinary or other locking device as desired.



No. 1.
Saddle Bracket.



No. 2.
Collar Bracket.



No. 3.
Hame Bracket.



No. 4.
Bridle Bracket.



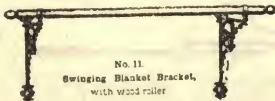
No. 5.
Crupper Bracket.



No. 6.
Harness Washing Bracket.



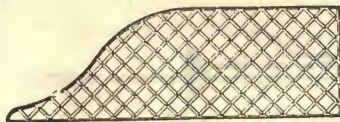
No. 7.
Bridle Bracket.



No. 11.
Swinging Blanket Bracket,
with wood roller.



No. 12.
Lion head to screw to wood 60%.



No. 2.—CAST IRON STALL GUARD.
2 ft. x 7 ft. Only one size made. Wrought iron wire guards made to order.



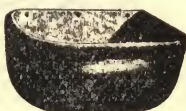
No. 1.—CAST IRON CORNER HAY RACK.
Width on top 2 ft. 9 in. height 3 ft. 2 in.



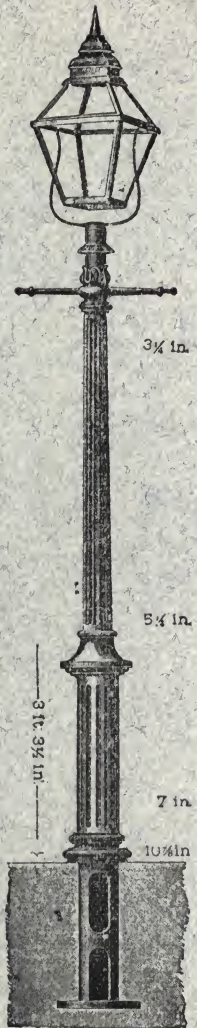
No. 2.—WROUGHT IRON CORNER HAY RACK.
Width on top 2 ft. 9 in. height 3 ft. 8 in.



No. 1.—CORNER MANGER.
3 ft. 4 in. x 1 ft. 4 in. x 1 ft. 4 in.



No. 2.—CORNER MANGER.
2 ft. 6 in. x 2 ft. 6 in. x 2 ft. 6 in.



No. 1.—LAMP POST.

Lower base 10 1/4 in., lower shaft 7 in., upper shaft 5 1/4 in. and 3 1/4 in. Height to bottom of lamp socket 8 ft. 6 in. Any style lamp can be used.



No. 8.—LAMP POST.

10 in. square at base, height to top of cross bar 9 ft. Made to go into ground and with any style of lamp.

CHAMPION IRON FENCE COMPANY,

KENTON, - - OHIO.

—MANUFACTURERS OF—

CEMETERY LOT ENCLOSURES, VERANDA RAILINGS, VERANDA COLUMNS,
WEATHER VANES, MALLEABLE CRESTING, IRON STAIRWAYS,
GRAY IRON CRESTING, WINDOW GUARDS, TUBULAR GATES,
BRACKETS FOR BALCONIES, SETTEES AND CHAIRS,
WROUGHT IRON WINDOW SASH,
GALVANIZED IRON WORK, BUILDERS' IRON WORK,
IRON TREE GUARDS, GRATINGS. ENTRANCE GATES,
LAMP POSTS, GIRDERS, DOORS, LINTELS, SHUTTERS, FINIALS,
IRON FENCE, IRON POSTS, IRON COLUMNS, WROUGHT IRON BEAMS.

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IMPROVED STEEL AND IRON JAIL WORK OF EVERY DESCRIPTION.

ESTIMATES FURNISHED ON ALL KINDS OF ARCHITECTURAL AND ORNAMENTAL IRON WORK.